Record Nr. UNINA9910783108003321 Integrated pest management [[electronic resource]]: potential, Titolo constraints, and challenges / / edited by Opender Koul, G.S. Dhaliwal, G.W. Cuperus Cambridge, MA; ; Wallingford, Oxon, : CABI Pub., 2004 Pubbl/distr/stampa **ISBN** 1-280-86613-6 9786610866137 0-85199-952-2 Descrizione fisica 1 online resource (342 p.) Altri autori (Persone) KoulOpender DhaliwalG. S CuperusGerrit W Disciplina 632/.9 Soggetti Pests - Integrated control Pests - Biological control Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto About the Editors; Contributors; Preface; 1 Integrated Pest Management: Retrospect and Prospect; 2 Cultural Practices: Springboard to IPM; 3 The Relevance of Modelling in Successful Implementation of IPM; 4 Manipulation of Tritrophic Interactions for IPM; 5 Behaviour-modifying Chemicals: Prospects and Constraints in IPM: 6 Transgenic Insecticidal Cultivars in Integrated Pest Management: Challenges and Opportunities; 7 Plant Resistance against Pests: Issues and Strategies; 8 The Pesticide Paradox in IPM: Risk-Benefit Analysis 9 Manipulation of Host-finding and Acceptance Behaviours in Insects: Importance to IPM10 Integrated Pest Management in Forestry: Potential and Challenges; 11 Consumer Response to IPM: Potential and Challenges; 12 The Essential Role of IPM in Promoting Sustainability of

Sommario/riassunto

Although the concept and philosophy of integrated pest management have been largely accepted for some time, its implementation is complex and faces numerous potential problems. If IPM is to enjoy

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widespread approval and adoption, it must be clearly defined and economically and socially acceptable. This book addresses many of the key issues surrounding IPM, particularly of insects, in a number of specially commissioned chapters. Contributors, mainly from the USA, are internationally recognizes experts on their subjects. Topics covered include: the pesticide paradox in IPM, a risk-benefit analys